

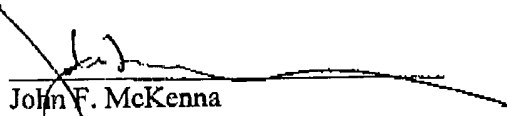
PATENTS
102090-0001P1

Since applicant's independent claims 12 and 22 both specify a light fitting containing a heat shield with apertures, those base claims as well as the claims dependent thereon are clearly patentable over Kikuchi.

Accordingly and for the foregoing reasons, this application should now be allowed.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,



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redistribute excess light and heat from the 'hot spot' to other areas below the reflector, dramatically increasing uniformity, functionality and efficiency in these extreme applications. This heat shield is superior to prior art because it relies only on direct reflection toward a target area below the lighting fixture. It does not reflect substantial quantities of radiation back towards the lamp and reflector for (inefficient) re-reflection. Hence, the function of the heat shield is totally separable from that of the reflector it is coupled with, not limiting it to use in conjunction with any specific reflector design.

Summary of the Invention

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10 The present invention seeks to provide an adjustable reflecting device which overcomes the disadvantages of the prior art.

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 or at least ameliorates
 In one broad form, the present invention provides a shielding device adapted to be
 disposed about at least part of a lighting means, said device being substantially V-shaped and
 15 perforated.

Preferably, said device is adapted to be attached to a lamp socket or lamp bracket of said lighting means.

20 Preferably, said device is positioned on the opposed side of said lighting means relative to a reflector device associated with said lighting means.

In a preferred form, said shielding device acts to at least partly deflect heat and/or light emitted from said lighting device, to thereby control the amount and lateral spread of radiation emitted directly from said lighting means.

In a preferred embodiment, the nature and/or extent of perforation of said shielding device is predetermined to control the amount of radiation deflected by said shielding device.

30 According to ~~the first~~ a first aspect of the present invention there is disclosed a light fitting - 12

... According to a second aspect of the present invention there is disclosed a

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Preferably, said perforations are embodied in a patterned manner, such as in rows or the like.

In a preferred form, radiation deflected from said device is transmitted away from said
5 reflector device.

Preferably, said reflector device has adjustable curvature.

Also preferably, said reflector device has a double parabolic shape.

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In a preferred embodiment, the ends of the device are shaped such that the overall shape of the device is 'house roof' shaped.

In a further board form, the present invention provides a method of controlling the
15 nature and/or extent of radiation emitted from a lighting source, by using a shielding device as hereinbefore defined.

Brief Description of the Drawings

The present invention will become more fully understood from the following description
20 of a preferred but non-limiting embodiment thereof, described in connection with the accompanying drawings, wherein:

FIG. 1 shows a preferred embodiment of the shielding device in accordance with the present invention;

FIG. 2 shows an alternatively preferred embodiment of the shielding device of the
25 invention;

FIG. 3 shows an exploded view of one example of an adjustable reflector device used in conjunction with the shielding device of the present invention; *components*

FIG. 4 shows a disassembled view of the ~~reflector device~~ of FIG. 3, depicting the ~~trapezoidal~~ protruding skirts, present on sheet members; *components*

30 FIG. 5 shows an assembled view of the ~~reflector device~~ of FIG. 3 prior to